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(71) Applicant (for all designated States except US): **KONIN-
KLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **IJZERMAN,
Willem, L.** [NL/NL]; c/o Philips Intellectual Property,
& Standards, Cross Oak Lane, Redhill Surrey RH1 5HA
(GB). **KRIJN, Marcellinus, P., C., M.** [NL/NL]; c/o
Philips Intellectual Property, & Standards, Cross Oak

Lane, Redhill Surrey RH1 5HA (GB). **SALTERS, Bart,**
A. [NL/NL]; c/o Philips Intellectual Property, & Standards,
Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

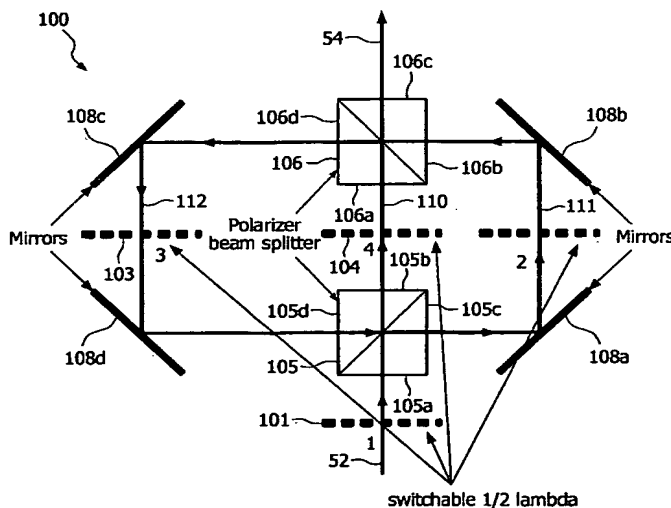
(74) Agents: **WILLIAMSON, Paul, L.** et al.; c/o Philips In-
tellectual Property, & Standards, Cross Oak Lane, Redhill
Surrey RH1 5HA (GB).

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(54) Title: OPTICAL PATH LENGTH ADJUSTER



(57) Abstract: An optical path length adjuster enables electro-optical control of a physical path length between two optical elements, suitable for use in the adjustment of an optical path length within three dimensional display devices that generate a virtual image within a defined imaging volume. The adjuster varies an optical path length between an input optical path and an output optical path and includes: a first polarisation switch for selecting a polarisation state for an input beam on the input optical path; first and second beam splitters having at least two possible optical paths of different lengths therebetween, for passing the input beam along a selected one of said at least two possible optical paths according to the selected polarisation state of the input beam and for providing an output beam of light, on said optical output path, that has travelled along the selected optical path.

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